



City of Greenacres

Building Department

5800 Melaleuca Lane | Greenacres | Florida | 33463-3515
Ph: 561-642-2052 | Fax: 561-642-2049 | www.greenacresfl.gov

RESIDENTIAL FIXED GENERATORS

This checklist has been designed to assist applicants in knowing what information is required to be submitted with the permit application. Submit one copy of the permit application and one (1) copy of the following required information:

Plans submitted must be drawn on standard sized paper and must be drawn to scale.
The plans must contain the following:

A. SITE/SURVEY DRAWING

- 1. Location of proposed generator (including all dimensions and flood zone information if applicable)
- 2. Location of all windows and doors, including neighboring properties (prohibited within 10 ft. of generator exhaust, excluding garages).
- 3. Location and sizes of fuel tanks and/or fuel lines

B. SLAB DRAWING

- 1. Slab dimensions (L,W,D) and reinforcement details
- 2. Anchor details (generator attachment to slab)
- 3. Engineers statement (sealed) that installation meets FBC wind load of 170mph.
- 4. Generator spacing from building (provide manufacturer specs)
- 5. Acceptable foundation other than concrete slab (provide manufacturers specs)

C. ELECTRICAL RISER DRAWING

- 1. Service
- 2. Panel(s)
- 3. Transfer switch
- 4. Main Disconnect(s)
- 5. Wire sizes
- 6. Load calculations

D. GENERATOR

- 1. Provide complete specifications
- 2. KW Rating
- 3. Output amperage and breaker size
- 4. Type of fuel
- 5. Sound rating in Db

E. TRANSFER SWITCH

- 1. Required per N.E.C 702.4
- 2. Automatic
- 3. Manual

F. MANUAL TRANSFER SWITCH

- 1. Sized for entire service load
- 2. Sized for dedicated standby panels
- 3. Identify all loads to be serviced

G. AUTOMATIC TRANSFER SWITCH

- ____ 1. Sized to transfer entire load
- ____ 2. Pre-selected loads to be served with optional standby panel and transfer switch
- ____ 3. Provide automatic load shedding to reduce total load imposed on generator

H. SIGNAGE

- ____ 1. Per N.E.C. 702.7, sign placed at service-entrance equipment that indicates location of on-site standby power source.

GENERAL PERMIT INFORMATION:

The installation of fixed generator requires permits.

Under the owner-builder exemption, the homeowner of a single-family home or duplex may apply for the permit to install the slab.

A licensed electrical contractor is required to obtain the permit for the electrical installation (disconnects, transfer switches, etc.)

A licensed plumbing contractor or gas contractor is required to obtain a permit for the installation of natural gas or LP gas.

INSPECTIONS: Inspections will vary by job.

Signature of Applicant

Date

Applicant Name, Printed

Included For Reference Only



